

Speech Controlled Access To Content On A Presentation Medium

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ABSTRACT

One embodiment of the invention provides television viewers with an intuitive and
10 easy-to-use way to find the programs they want and to control their television
viewing experience. In a further embodiment, a speech control interface, in
combination with a variety of search functions, is provided such that television
viewers have an intuitive and easy-to-use way to find the programs and information
they want. The invention also provides the use of personalization as a way to filter
15 and deliver relevant content and services to users based upon individual
preferences. Another aspect of the invention provides a hierarchical user interface
for speech-controlled, interactive applications, that gives television viewers an
intuitive and easy-to-use way to find the programs they want and to control their
television viewing experience. The invention also provides a method and apparatus
20 where the channel lineup in a television service is dynamic and changeable, *i.e.* the
list of available channels can be modified, in real time, to suit the preferences and
usage of a particular subscriber. Further, the invention provides a method and
apparatus that addresses the use of speaker, group, language, or emotional state
identification systems to target advertising, to users who are or are not enrolled in a
25 speaker ID system.